

# IAM-Roles-Assignment

The screenshot displays the AWS IAM console interface for creating a new role. The browser address bar shows the URL: `https://us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/roles/create`. The console header includes the AWS logo, a search bar, and navigation links for various services like EC2, VPC, EFS, FSx, S3, IAM, CloudWatch, CloudTrail, and AWS Config. The user's profile is visible as 'Venkatesh'.

The 'Create role' wizard is in progress, showing three steps:

- Step 1: Select trusted entity** (Current step)
- Step 2: Add permissions**
- Step 3: Name, review, and create**

**Select trusted entity** (Info)

**Trusted entity type**

- ☐ **AWS service**  
Allow AWS services like EC2, Lambda, or others to perform actions in this account.
- ☐ **AWS account**  
Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.
- ☐ **Web identity**  
Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.
- ☒ **Custom trust policy**  
Create a custom trust policy to enable others to perform actions in this account.
- ☐ **SAML 2.0 federation**  
Allow users federated with SAML 2.0 from a corporate directory to perform actions in this account.

**Custom trust policy**  
Create a custom trust policy to enable others to perform actions in this account.

The 'Custom trust policy' section shows a JSON policy:

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Sid": "Statement1",
6       "Effect": "Allow",
7       "Principal": {"AWS": ["arn:aws:iam::058264317646:user/Dev1", "arn:aws:iam::058264317646:user/Dev2"]},
8       "Action": "sts:AssumeRole"
9     }
10  ]
11 }
```

**Edit statement**

**Select a statement**  
Select an existing statement in the policy or add a new statement.

[+ Add new statement](#)

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https://us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/roles/create?trustedEntityType=CUSTOM\_TRUST\_POLICY&policies=arn...

Services Search [Alt+S] Global Venkatesh

EC2 VPC EFS FSx S3 IAM CloudWatch CloudTrail AWS Config

### Step 1: Select trusted entities

Edit

Trust policy

```
1- {
2-   "Version": "2012-10-17",
3-   "Statement": [
4-     {
5-       "sid": "Statement1",
6-       "Effect": "Allow",
7-       "Principal": {
8-         "AWS": [
9-           "arn:aws:iam::058264317646:user/Dev1",
10-          "arn:aws:iam::058264317646:user/Dev2"
11-        ]
12-      },
13-       "Action": "sts:AssumeRole"
14-     }
15-   ]
16- }
```

### Step 2: Add permissions

Edit

Permissions policy summary

Policy name	Type	Attached as
<a href="#">AmazonDynamoDBFullAccess</a>	AWS managed	Permissions policy

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https://us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/roles/create?trustedEntityType=CUSTOM\_TRUST\_POLICY&policies=arn...

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### Step 2: Add permissions

Edit

Permissions policy summary

Policy name	Type	Attached as
<a href="#">AmazonDynamoDBFullAccess</a>	AWS managed	Permissions policy
<a href="#">AmazonVPCFullAccess</a>	AWS managed	Permissions policy

### Step 3: Add tags

[Add tags - optional](#) [info](#)

Tags are key-value pairs that you can add to AWS resources to help identify, organize, or search for resources.

No tags associated with the resource.

[Add new tag](#)

You can add up to 50 more tags.

Cancel Previous **Create role**

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Role Role\_Demo created.

### Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles**
- Policies
- Identity providers
- Account settings

Access reports

- Access Analyzer
- External access
- Unused access
- Analyzer settings

### Roles (6)

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.

Search

Role name	Trusted entities	Last activity
<a href="#">AWSServiceRoleForAmazonElasticFileSystem</a>	AWS Service: elasticfilesystem (Service-Linked Role)	9 days ago
<a href="#">AWSServiceRoleForBackup</a>	AWS Service: backup (Service-Linked Role)	8 hours ago
<a href="#">AWSServiceRoleForCloudWatchEvents</a>	AWS Service: events (Service-Linked Role)	3 days ago
<a href="#">AWSServiceRoleForSupport</a>	AWS Service: support (Service-Linked Role)	-
<a href="#">AWSServiceRoleForTrustedAdvisor</a>	AWS Service: trustedadvisor (Service-Linked Role)	-
<a href="#">Role_Demo</a>	Account: 058264317646, and 1 more	-

### Roles Anywhere

Authenticate your non AWS workloads and securely provide access to AWS services.

Manage

https://us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/roles/details/Role\_Demo

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### Console Home

Reset to default layout + Add widgets

#### Recently visited

No recently visited services

Explore one of these commonly visited AWS services.

[EC2](#) [S3](#) [RDS](#) [Lambda](#)

[View all services](#)

#### Applications (0)

Region: Europe (Stockholm)

eu-north-1 (Current Region) Find applications

Name	Description	Region	Originating account
Access denied			

[Go to myApplications](#)

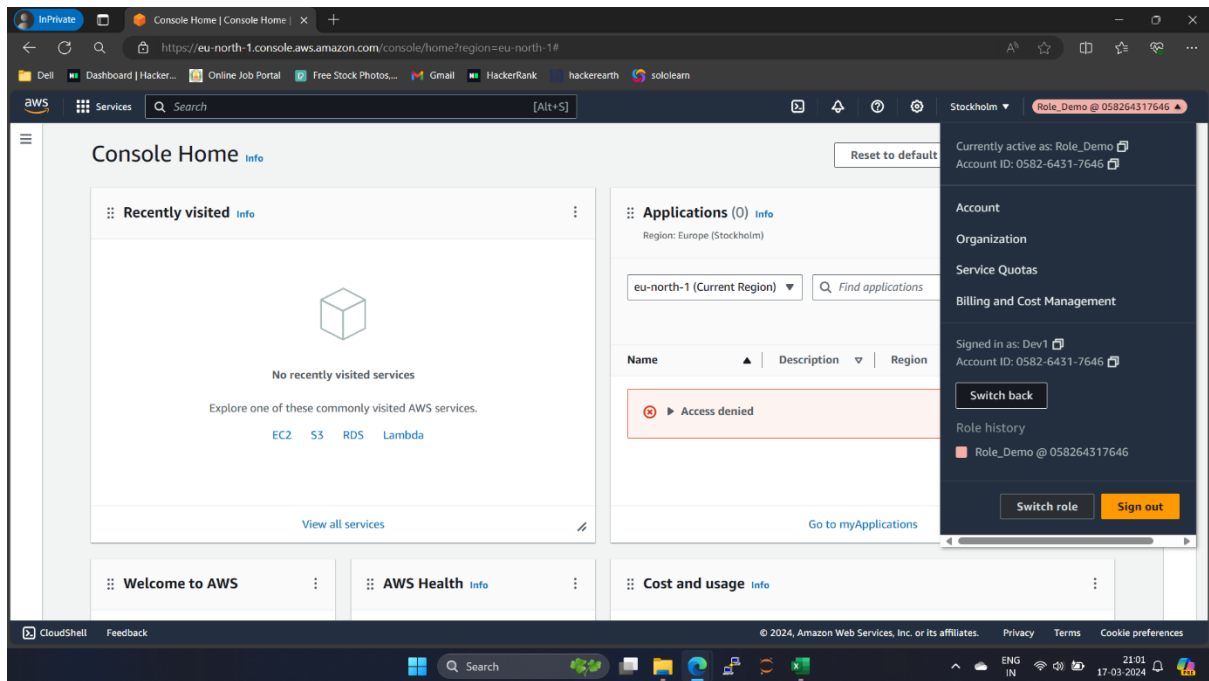
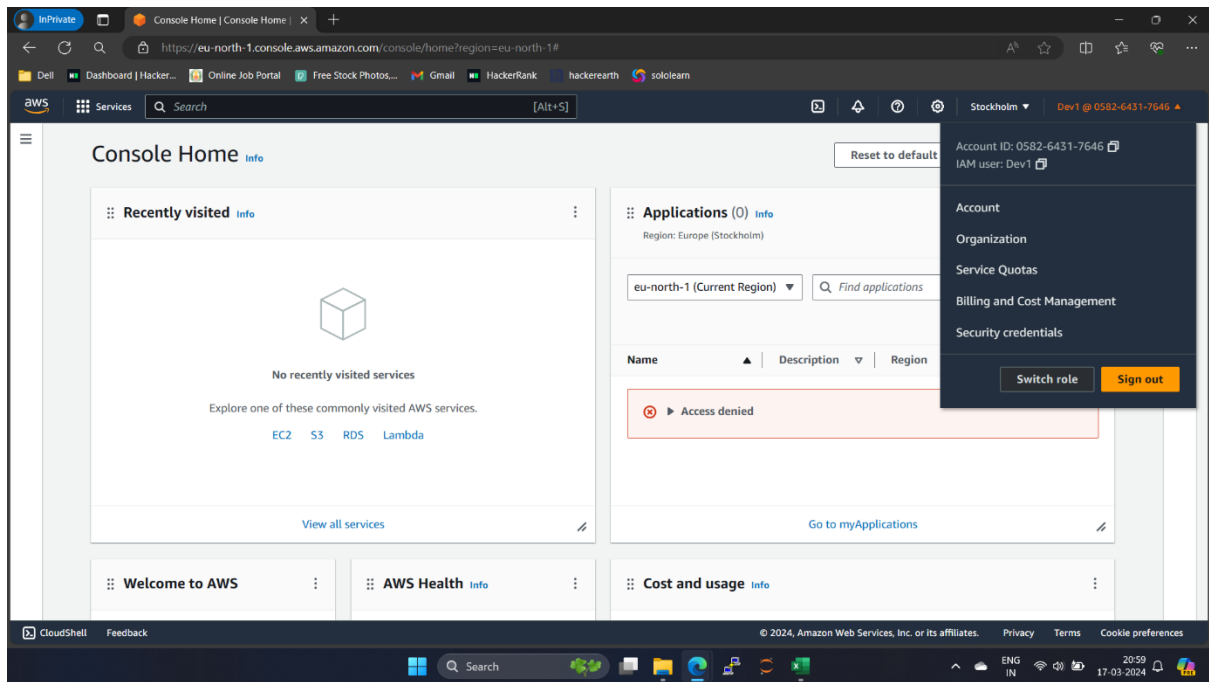
#### Welcome to AWS

#### AWS Health

#### Cost and usage

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Home | VPC Console

https://eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#Home

Services Search [Alt+S]

**VPC dashboard**

EC2 Global View

Filter by VPC: Select a VPC

**Virtual private cloud**

- Your VPCs
- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints
- Endpoint services
- NAT gateways
- Peering connections

**Security**

**Create VPC** **Launch EC2 Instances**

Note: Your Instances will launch in the Europe region.

**Resources by Region** Refresh Resources

You are using the following Amazon VPC resources

VPCs	Europe 1	NAT Gateways	Europe 0
Subnets	Europe 3	VPC Peering Connections	Europe 0
Route Tables	Europe 1	Network ACLs	Europe 1
Internet Gateways	Europe 1	Security Groups	Europe 1
Egress-only Internet Gateways	Europe 0	Customer Gateways	Europe 0

**Service Health**

View complete service health details

**Settings**

Zones  
Console Experiments

**Additional Information**

VPC Documentation  
All VPC Resources  
Forums  
Report an Issue

**AWS Network Manager**

AWS Network Manager provides tools and features to help you manage and monitor your network on AWS. Network Manager makes it easier to perform connectivity management, network monitoring and troubleshooting, IP management, and network security and governance.

Get started with Network Manager

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Service | Amazon DynamoDB

https://eu-north-1.console.aws.amazon.com/dynamodbv2/home?region=eu-north-1#service

Services Search [Alt+S]

**DynamoDB**

- Dashboard
- Tables
- Explore items
- PartiQL editor
- Backups
- Exports to S3
- Imports from S3
- Reserved capacity
- Settings

**Share your feedback on Amazon DynamoDB**

Your feedback is an important part of helping us provide a better customer experience. Take this short survey to let us know how we're doing.

**Share feedback**

**Amazon DynamoDB**

A fast and flexible NoSQL database service for any scale

DynamoDB is a fully managed, key-value, and document database that delivers single-digit-millisecond performance at any scale.

**Get started**

Create a new table to start exploring DynamoDB.

**Create table**

**Pricing**

DynamoDB charges for reading, writing, and storing data in your DynamoDB tables, along with any optional features you choose to turn on.

DynamoDB has on-demand capacity mode and

**How it works**

https://eu-north-1.console.aws.amazon.com/dynamodbv2/home?region=eu-north-1#crea...

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